DOD Requirements

Areas of Coverage

- **Business Management Modernization Program (BMMP)**
- **DoD Information Technology Security Certification and Accreditation Process (DITSCAP)**
- **OMB Circular No A-11 Exhibit 300 & Exhibit 53**
- **Federal Enterprise Architecture (FEA)**

BMMP

- **Develop a DoD-wide enterprise architecture and transition plan designed to transform the Defense business operations and technical infrastructure**
- **By documenting processes and modeling them according to DoD's C4ISR architecture standards, streamlining will begin**
- **An evolving, graduated transition plan will move the Department from the "as-is" environment to the "to-be" of the DoD Business Enterprise Architecture (BEA)**

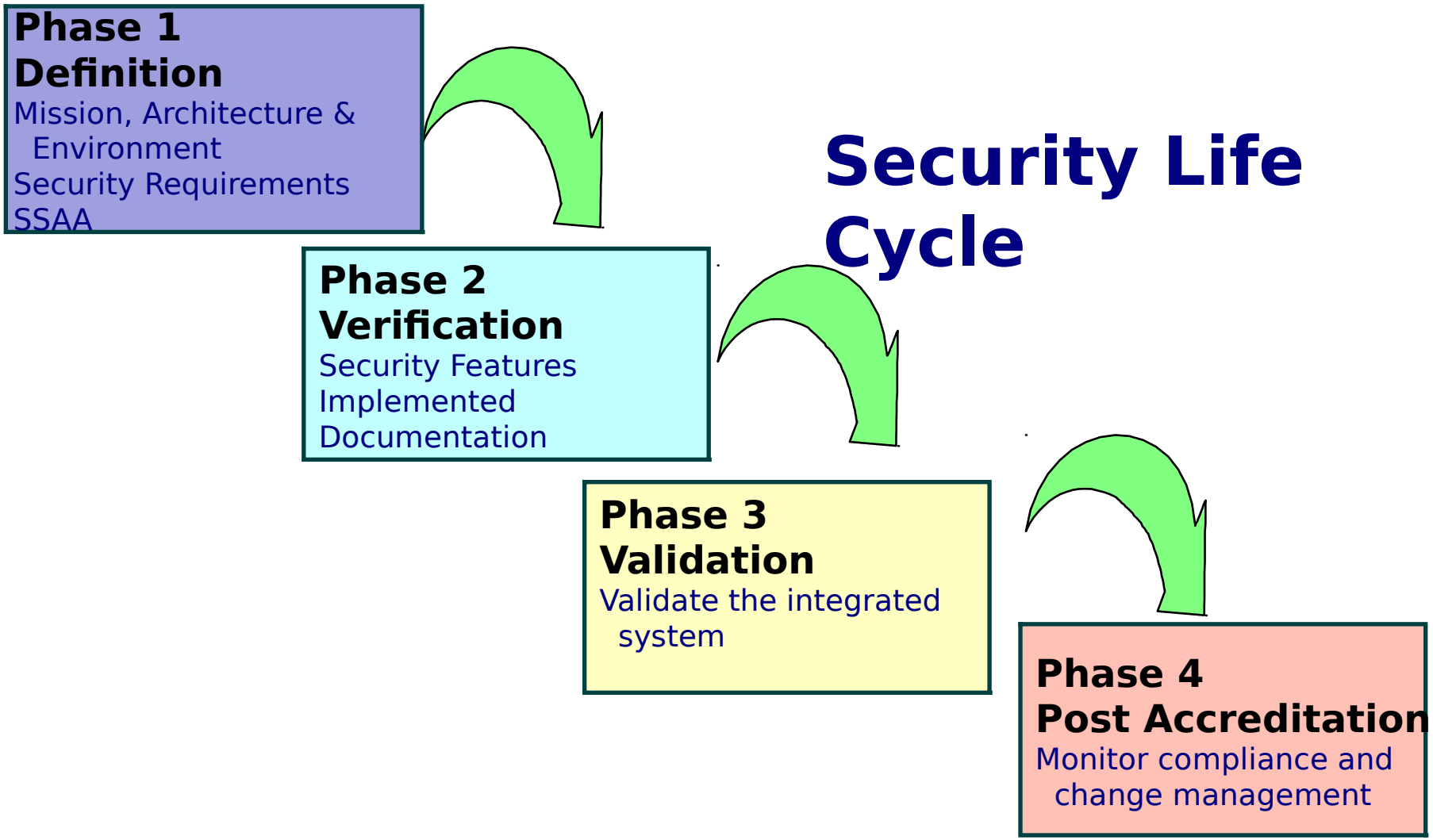
- **Presentation for review 30 days before required funding must be obligated**
  - Domain Owners
    - Accounting & Finance
    - Acquisition
    - Human Resource Management
    - Installation & Environment
    - Logistics
    - Strategic Planning & Budgeting
    - Technical & Infrastructure
  - Financial Management Modernization Steering Committee
- **Business Modernization & System Integration Office (BMSI)**
  - Oversees systems reviews for initiatives over $1M and determines compliance with BEA
  - Systems include financial and non-financial feeder systems that have a financial impact.

- **Business Enterprise Architecture (BEA)**
  - Composed of five parts
    - C4ISR
      - All Views (AV)
      - Operational Views (OV)
      - System Views (SV)
      - Technical Views (TV)
    - Supplemental Architecture Framework Products
      - Enhance understanding of the scale, scope, and complexity of the Business Enterprise Architecture
      - Information required prior to the development of a C4ISR architecture component and product
      - Facilitate management of existing architecture components and products
    - External Requirements and Verification Reports
      - JFMIP, OMB compliance, etc.

DITSCAP

- Defines a process for uniform practice of Certification & Analysis (C&A)
- Addresses life cycle approach
- Infrastructure-centric approach
- Describes generic process activities and tasks
- Implementation details are provided through established C&A environment
- Process is applicable regardless of lifecycle
- Process applies to any type acquisition strategy or development

DITSCAP Lifecycle



Phase 1 Tasks

- **Task 1: Prepare the Mission Description and System Identification**
- **Task 2: Register the System**
- **Task 3: Prepare the Environment and Threat Description**
- **Task 4: Prepare the System Architecture Description**
- **Task 5: Determine the ITSEC System Class**
- **Task 6: Determine the System Security Requirements**
- **Task 7: Identify the C&A Organizations and the Resources Required.**

Phase 2 Tasks

- Task 1: System Architecture Analysis
- Task 2: Software Design Analysis
- Task 3: Network Connection Rule Compliance Analysis
- Task 4: Integrity Analysis of Integrated Products (COTS, GOTS, Non-Developmental Item)
- Task 5: Life-Cycle Management Analysis
- Task 6: Vulnerability Assessment

Phase 3 Tasks

- **Task 1: Security Testing and Evaluation**
- **Task 2: Penetration Testing**
- **Task 3: Verify TEMPEST Compliance (only if TEMPEST applies)**
- **Task 4: Verify Appropriate Use of COMSEC Material and Equipment (only if COMSEC applies)**
- **Task 5: System Management Analysis**
- **Task 6: Site Accreditation Survey**
- **Task 7: Contingency Plan Evaluation**
- **Task 8: Risk Management Review**

Phase 4 Tasks

- **Task 1: SSAA Maintenance**
- **Task 2: Physical, Personnel and Management Control Review**
- **Task 3: Contingency Plan**
- **Task 4: Verify TEMPEST Compliance (only if TEMPEST applies)**
- **Task 5: Verify Appropriate Use of COMSEC Material and Equipment (only if COMSEC applies)**
- **Task 6: Change Management**
- **Task 7: Conduct Risk Management Analysis**

OMB Exhibit 300

- **Part of OMB Circular A-11 - Preparation, Submission and Execution of the Budget**
- **For IT, this is a companion section to section 53**
- **Detail on IT reported in Exhibit 300 should be aggregated and used to prepare Exhibit 53.**
- **Submitted to OMB twice annually**
  (*believe during initial budget submit and then after passback***)**
- **Ongoing IT Projects**
  - Conduct a E-Government Strategy Review
    - Answer all questions in Sections I & II
    - E-Government Review
- **Infrastructure Projects**
  - Business cases for infrastructure projects must address the same issues as other projects and complete all sections on the business cases, parts I & II of the Exhibit 300

Purpose of OMB Exhibit 300

- **Coordinate OMB's collection of agency information for its reports to Congress required by the Federal Acquisition Streamlining Act of 1994 (FASA) (Title V) and the Clinger-Cohen Act of 1996;**
- **Ensure that the business case for investments are made and tied to the mission statements, long-term goals and objectives, and annual performance plans that you developed pursuant to the Government Performance and Results Act of 1993 (GPRA)**
- **For IT, to ensure that security, privacy, records management, and electronic transactions policies are fully implemented.**

OMB Circular No. A-130

- **Purpose – Establish policy for the management of Federal information resources**
- **Appears to be overarching policy that refers to Circular No. A-11 Exhibit 300 & Exhibit 53.**
- **All criteria are met by completing the Exhibit 300 & Exhibit 53.**

OMB Circular No. A-11 Section 53

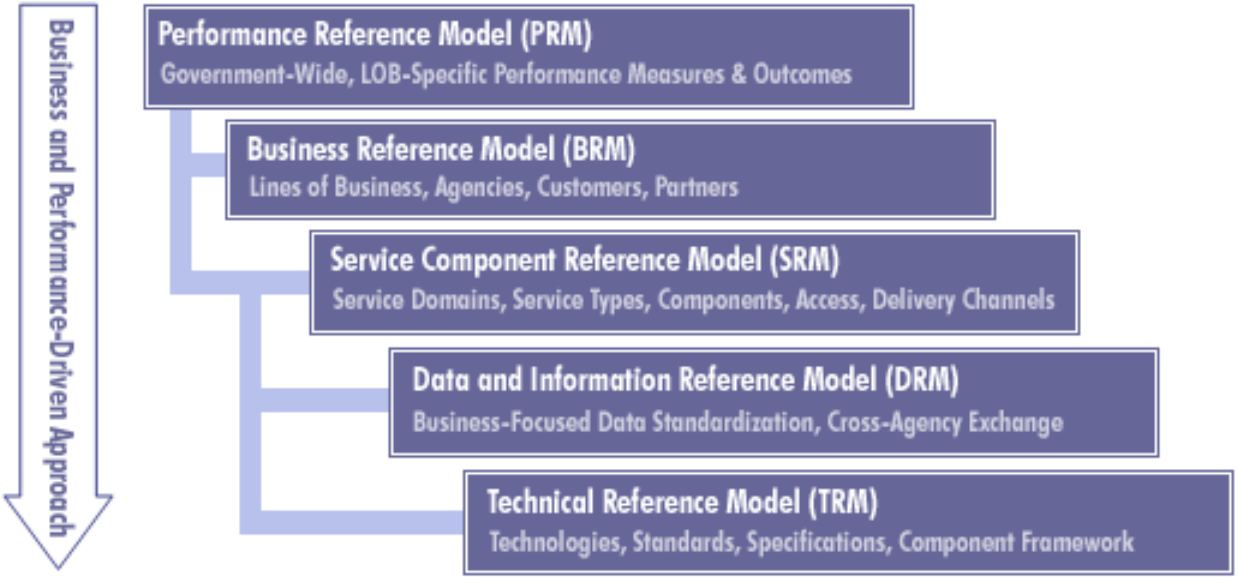
- **Submit an exhibit 53 to OMB if:**
  - Your agency is requesting funding for IT investments via Capital Asset Plan and Business Case (Exhibit 300)
  - Your financial management system budgetary resources are above $500,000 in any given year
- **Also refereed as “Agency IT Investment Portfolio”**
- **Major IT investments must align with the Federal Enterprise Architecture (FEA)**
- **For FY2005, agencies are required to use the Performance Reference Model (PRM) to identify performance measurements for each major new IT investment.**
- **Each of the line items for major investments are a roll-up of particular line items and elements from Exhibit 300**
- **Agencies take individual Exhibit 53s and consolidate into one agency Exhibit 53. The individual agency’s exhibit 53 is used to create an overall “Federal IT Investment Portfolio” that is published as part of the President’s budget.**

OMB Circular No. A-11 Section 53

- **Submission of an exhibit 53 includes supporting documentation**
  - Agency IRM Strategic Plan
  - Documented Capital Planning and Investment Control (CPIC) process
  - Agency Enterprise Architecture
- **The FY2005 Section 53s were due September 8th 2003**

Federal Enterprise Architecture (FEA)

- **The FEA is being constructed through a collection of interrelated "reference models" designed to facilitate cross-agency analysis and the identification of duplicative investments, gaps, and opportunities for collaboration within and across Federal Agencies.**
- **These models are defined as:**
  - Performance Reference Model (PRM)
  - Business Reference Model (BRM) v2.0
  - Service Component Reference Model (SRM)
  - Data and Information Reference Model (DRM)
  - Technical Reference Model (TRM)


Business and Performance-Driven Approach
Performance Reference Model (PRM)
Government-Wide, LOB-Specific Performance Measures & Outcomes
Business Reference Model (BRM)
Lines of Business, Agencies, Customers, Partners
Service Component Reference Model (SRM)
Service Domains, Service Types, Components, Access, Delivery Channels
Data and Information Reference Model (DRM)
Business-Focused Data Standardization, Cross-Agency Exchange
Technical Reference Model (TRM)
Technologies, Standards, Specifications, Component Framework

- **The sections of A-11 that require FEA reference models are:**

Section of A-11	FEA Reference Model
Exhibit 53, Unique Project ID	BRM
Exhibit 300, Section I.C, Table 2	PRM
Exhibit 300, Question II.A.1.E	BRM
Exhibit 300, Question II.A.3.A	SRM
Exhibit 300, Question II.A.3.C	TRM